



PUBLIC HEALTH DIVISION  
Drinking Water Services

Kate Brown, Governor

Oregon  
**Health**  
Authority

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[www.healthoregon.org/dws](http://www.healthoregon.org/dws)

April 8, 2022

Candance Pickett  
McKee Bridge Mobile Home Park  
718 Black Oak Drive  
Medford, OR 97504

**Re: Arsenic Treatment (PR#57-2022)**  
**McKee Bridge Mobile Home Park (PWS ID#01165)**  
**Conditional Approval**

Dear Candance Pickett:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the arsenic treatment for McKee Bridge Mobile Home Park water system. On April 5, 2022, DWS received drawings, product information and a plan review fee of \$248.

The project includes the replacement of an existing arsenic treatment system at the McKee Bridge Mobile Home Park water system, south of Ruch, Oregon. Arsenic treatment for the water system's source water was originally mandated by DWS in 2009 due to repeated arsenic exceedance above the maximum contaminant level.

The project shall adhere to all applicable DWS Oregon Administrative Rules (OAR). The submitted plan review material has been reviewed and the following items were noted as specific conditions of final approval:

- Per OAR 333-061-0050(1)(e), only materials designed for potable water service and meeting NSF Standard 61: Drinking Water System Components - Health Effects or equivalent shall be used in those elements of the water system which are in contact with potable water.
- Per OAR 333-061-0050(4)(a)(A), water treatment facilities shall be capable of producing water which consistently does not exceed MCLs. The type of treatment shall depend on the raw water quality.
- Per OAR 333-061-0050(4)(a)(B), investigations shall be undertaken by the water

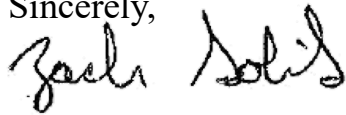
supplier prior to the installation of treatment facilities to determine the physical, chemical and microbiological characteristics of the raw water as appropriate. These investigations shall include a determination of the seasonal variations in water quality, as well as a survey to identify potential sources of contamination which may affect the quality of the raw water.

- Per OAR 333-061-0050(4)(a)(C), laboratory equipment shall be provided so that the water supplier can perform analyses necessary to monitor and control the treatment processes.
- Per OAR 333-061-0050(4)(a)(E), sampling taps shall be provided before and following the treatment process and before the first user when any form of water treatment is used at a public water system.
- Per OAR 333-061-0050(10)(a), following construction or installation of new facilities and repairs to existing facilities, those portions of the facilities which will be in contact with water delivered to users must be cleaned and flushed with potable water and disinfected according to AWWA Standards C651 through C654 before they are placed into service. Disinfection must be by chlorine unless another disinfectant can be demonstrated to be equally effective.
- Per OAR 333-061-0060(1)(b), preliminary plans, pilot studies, master plans and construction plans shall be prepared by a Professional Engineer registered in Oregon and submitted to the Authority unless exempted by the Authority (See OAR 333-061-0060(4)). It shall be shown by the water system that the selected arsenic reduction filter (Aquatek, model ATCBF-4.0-AS) has the treatment capacity to produce compliant finished water at the water system's peak hourly demand. Demonstrate the centralized arsenic treatment system is compatible with other existing treatments to remain (i.e., disinfection treatment system for 4-log virus inactivation) and that it can produce successful treatment of arsenic through all seasonal variability of the groundwater source in use.
- Per OAR 333-061-0065(4), all public water systems must maintain a current water system operations manual. The McKee Bridge Mobile Home Park water system shall update its operations and maintenance manual(s) to reflect the as constructed nature and operation requirements of the new arsenic treatment system.
- Per OAR 333-061-0065(5), documents and records shall be retained by the water supplier at community water systems and shall be available when the system is inspected or upon request by the Authority per applicable subsection (a) through (n).
- Per OAR 333-061-0050, any new arsenic treatment system waste by-products shall be properly disposed of in accordance with the Oregon Department of Environmental Quality (DEQ).
- Per OAR 333-061-0036, the finished water sampling monitoring and sampling requirements shall be updated.

**Until DWS receives verification that the conditions have been met and final approval has been issued, the arsenic treatment is not approved for use.** Upon completion of the project, the Owner or Owner Representative must verify in writing that construction was completed according to the submitted plans. If substantial changes are made, a set of as-built drawings must be submitted showing conformance with the State's OARs. Documentation demonstrating how the above conditions were met should reference Plan Review #57-2022 and can be emailed to me at [zachariah.cunningham-golik@dhsosha.state.or.us](mailto:zachariah.cunningham-golik@dhsosha.state.or.us).

If you have any questions, please feel free to call me at 541-231-9077.

Sincerely,

A handwritten signature in black ink, appearing to read "Zach Golik".

Zach Golik, PE  
Regional Engineer  
Drinking Water Services

CC: Julie Wray, DWS Portland  
Susan Baker, Jackson County Public Health